

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|------------------------------------|------------------|---------|------------------|
| S1    | 15    | (jay.in. and caplan.in.) or (barbara.in. and marshik-geurts.in.)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/01/25 13:11 |
| S3    | 14    | ("20020163622"   "6272376"   "6475159"   "6485413"   "6512936"   "6512937"   "6658278").PN.                 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/01/23 15:24 |
| S4    | 2     | "9818388"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/01/23 15:16 |
| S5    | 43    | (blood with vessel with wall) same (optical with (signal or illumination))                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/01/23 15:25 |
| S6    | 7     | (blood with vessel with wall) same (optical with (signal or illumination)) same probe                       | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/01/23 15:27 |
| S7    | 1560  | ((blood with vessel with wall) or tissue) same (optical with (signal or illumination or fiber)) same probe  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/01/23 16:45 |
| S8    | 25    | ((blood with vessel with wall)) same (optical with (signal or illumination or fiber)) same probe            | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/01/24 08:51 |
| S9    | 5     | ("5647359").URPN.   | USPAT                              | OR               | OFF     | 2007/01/24 08:48 |
| S10   | 226   | optical same (catheter or probe) same (blood with vessel with wall)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/01/24 10:24 |
| S14   | 31758 | (catheter or probe) with (movement or motion)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/01/24 10:51 |
| S15   | 756   | ((catheter or probe) with (movement or motion)) same ((tissue with characterization) or (vessel with wall)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/01/24 13:17 |
| S17   | 44    | ((catheter or probe) with (movement or motion)) same ((distance or length) with (vessel with wall))         | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/01/24 13:18 |
| S18   | 4     | (catheter same interferometer same (vessel with wall))  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2007/01/24 13:29 |

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| S19 | 6    | (US-20040092830-\$ or US-20020163622-\$).did. or (US-5492131-\$ or US-5383467-\$ or US-5647359-\$).did. or (US-5752518-\$).did.   | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | OFF | 2007/01/25<br>08:12 |
| S26 | 2    | "5752518".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/01/25<br>08:35 |
| S29 | 7    | (US-20040092830-\$ or US-20020163622-\$).did. or (US-5492131-\$ or US-5383467-\$ or US-5647359-\$ or US-5752518-\$).did. or (US-5752518-\$).did.  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | OFF | 2007/01/25<br>08:35 |
| S35 | 49   | (spectral with response with blood) and (probe or catheter) and (blood with sample)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/01/25<br>10:04 |
| S38 | 170  | ((optical with fiber) same (blood with (signal or reflect \$4))) and (blood with sample)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/01/25<br>09:58 |
| S42 | 17   | (optical with (catheter or probe)) same (vessel with wall) same (spectr\$2 with blood)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/01/25<br>10:11 |
| S43 | 3281 | 600/481,463,407,326.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/01/25<br>13:08 |
| S46 | 7    | "5197470".pn. or "6615062".pn. or "6529770".pn. or "6049727".pn. or "5678550".pn. or "4894013".pn. or "6549861".pn.   | USPAT                                    | OR | ON  | 2007/01/25<br>13:23 |
| S47 | 4    | 10/212845   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/12<br>10:17 |
| S48 | 22   | (US-20040024298-\$ or US-20020163622-\$ or US-20040092830-\$).did. or (US-6512937-\$ or US-6658278-\$ or US-6272376-\$ or US-6512936-\$ or US-6485413-\$ or US-6475159-\$ or US-5647359-\$ or US-5383467-\$ or US-5492131-\$ or US-6549861-\$ or US-6529770-\$ or US-6049727-\$ or US-5197470-\$ or US-4894013-\$ or US-5752518-\$ or US-6615062-\$ or US-5678550-\$ or US-6285898-\$).did. or (US-5752518-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | OFF | 2007/08/12<br>10:37 |
| S49 | 0    | S48 and ((trigger\$3 with assessment) or (initiat\$3 with diagnosis))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/12<br>10:39 |
| S50 | 9    | S48 and (spectr\$2 with (vessel or blood))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/12<br>10:41 |

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| S51 | 2  | S48 and (spectr\$2 with ((vessel or blood) with wall))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/12<br>10:59 |
| S52 | 6  | (vessel with wall with spectr\$2 with analysis)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/12<br>11:00 |
| S53 | 3  | (vessel with wall with spectr\$2 with analysis) same (probe or instrument or catheter)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/12<br>11:00 |
| S54 | 4  | (vessel with wall with spectr\$2 with analysis) same (probe or instrument or catheter)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/08/12<br>11:02 |
| S55 | 2  | "5935075".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/08/12<br>11:03 |
| S56 | 1  | S55 and spectr\$2  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/08/12<br>12:05 |
| S57 | 20 | ("20020163622"  <br>"20040024298"   "5383467"  <br>"5752518"   "6272376"  <br>"6475159"   "6485413"  <br>"6512936"   "6512937"  <br>"6658278").PN. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/08/12<br>11:09 |
| S58 | 7  | S57 and (spectr\$2 with (vessel or wall or distance or analysis or analyzer))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/08/12<br>11:57 |
| S59 | 4  | S57 and (spectr\$2 with (vessel or wall or distance or analysis or analyzer)) and plaque   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/08/12<br>11:57 |
| S60 | 64 | (spectr\$2 adj analysis) with OCT  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/08/12<br>12:05 |
| S61 | 2  | "5217456".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/08/12<br>12:08 |
| S62 | 15 | ((optical adj signal) (spectral)) same ((probe catheter) with (close distance) with vessel)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/03<br>13:18 |
| S63 | 6  | ivus same (vessel with distance)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/02/03<br>13:39 |
| S64 | 1  | (US-20050043637-\$).did.   | US-PGPUB                                 | OR | OFF | 2008/07/27<br>16:26 |
| S65 | 1  | S64 and compar\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/27<br>16:26 |
| S66 | 76 | (blood with vessel with wall) same optical same probe  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>17:04 |

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| S67 | 0  | (blood with vessel with wall) same (compar\$3 with spectral with response)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>17:10 |
| S68 | 7  | (blood with vessel with wall) same (spectral adj response)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>17:10 |
| S69 | 5  | S68 and relative  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>17:21 |
| S70 | 1  | probe with (distance proximity) with vessel with wall with spectral with response   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>17:40 |
| S71 | 2  | (distance proximity) with vessel with wall with spectral with response  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>17:41 |
| S72 | 0  | (location position) with probe with vessel with wall with spectral with response  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>17:42 |
| S73 | 0  | (location position) with vessel with wall with spectral with response   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>17:42 |
| S74 | 0  | (location position) with vessel with probe with spectral with response  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>17:42 |
| S75 | 3  | (location position) with vessel with spectral with response   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>17:43 |
| S76 | 2  | "5197470".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>17:56 |
| S77 | 54 | spectral with response with blood with tissue   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>18:07 |
| S78 | 11 | spectral with response with blood with tissue with (reference compar\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>18:08 |
| S79 | 22 | ("20020163622"   "20040024298"   "5217456"   "5383467"   "5752518"   "6272376"   "6475159"   "6485413"   "6512936"   "6512937"   "6658278").PN. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>18:16 |
| S80 | 4  | S79 and (spectr\$2 with blood with (reference compar\$4))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/27<br>18:17 |
| S81 | 2  | (US-5383467-\$ or US-5217456-\$).did.   | USPAT                                    | OR | OFF | 2008/07/27<br>18:25 |
| S82 | 2  | S81 and blood   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/27<br>18:25 |

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| S83  | 0   | (spectr\$2 adj response) with blood with baseline   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/27<br>18:40 |
| S84  | 9   | (spectr\$2 adj response) with blood with reference  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/27<br>18:40 |
| S85  | 20  | (spectr\$2 with response with normaliz\$3 with blood)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/27<br>18:42 |
| S86  | 0   | (spectr\$2 adj response) with blood with ratio  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/27<br>18:43 |
| S87  | 213 | (spectr\$2) with blood with ratio   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/27<br>18:43 |
| S88  | 7   | (spectr\$2) with blood with ratio with optical  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/27<br>18:44 |
| S89  | 9   | (reflectance with spectr\$2) with blood with reference  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/27<br>18:47 |
| S90  | 11  | ((reflectance response) with spectr\$2) with (blood fluid) with vessel with wall  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/27<br>18:58 |
| S91  | 34  | ((reflectance reflected response) with (spectr\$2 radiation)) with (blood fluid) with vessel with wall  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/27<br>19:02 |
| S92  | 4   | ("20040024298"   "20040077950"   "20050043637"   "20050187451").PN.   | US-PGPUB                                 | OR | ON | 2008/07/27<br>19:22 |
| S102 | 22  | ("20020163622"   "20040024298"   "5217456"   "5383467"   "5752518"   "6272376"   "6475159"   "6485413"   "6512936"   "6512937"   "6658278").PN. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/28<br>09:51 |
| S103 | 47  | ((catheter probe) with (motion movement)) same ((blood fluid) with (spectr\$2 reflectance reflected))   | US-PGPUB;<br>USPAT                       | OR | ON | 2008/07/28<br>09:59 |

8/ 1/ 2008 12:44:30 PM

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